

Outer joint part with supporting disc**Claims**

1. An outer joint part (12) of a constant velocity universal joint (11) in the form of a joint bell (16) with an attached connecting journal (17) and a radial supporting face (18) at the joint bell (16) at the base of the connecting journal (17), wherein the outer joint part (12), by means of threading means, can be clamped to a wheel hub (25) which has to be slid on to the connecting journal and which is supported either directly or indirectly on the supporting face (18),

characterised by

an annular disc (22) which is made of a low-friction material and which is positioned on the supporting face (18) so as to be concentric relative to the connecting journal (17).

2. An outer joint part according to claim 1,

characterised in

that the annular disc (22) comprises a cylindrical portion (23) which starts from the outer edge of same and is positioned on the joint bell (16) in a force-locking way.

3. An outer joint part according to claim 1 or 2,

characterised in

that the annular disc (22) comprises a coating consisting of Molykote D321R.

4. An outer joint part according to any one of claims 1 or 2,

characterised in

that the annular disc (22) consists of bronze or non-ferrous metal.

5. An outer joint part according to any one of claims 1 or 2,

characterised in

that the annular disc (22) consists of plastics.

6. An assembly consisting of a constant velocity universal joint (11) with an outer joint part (12) in the form of a joint bell (16) with an attached connecting journal (17) and a radial supporting face (18) at the joint bell (16) at the base of the connecting journal (17), as well as of a wheel hub (25) which is slid on to the connecting journal (17) and which, via threading means, is clamped to the outer joint part (12), wherein the wheel hub (25) is directly or indirectly supported on the supporting face (18),

characterised by

an annular disc (22) which is made of a low-friction material, which is positioned directly on the supporting face (18) so as to be concentric relative to the connecting journal (17) and which accommodates the clamping forces of the threading means.

7. An assembly according to claim 6,

characterised in

that on to the wheel hub (25), there are slipped bearing means (34) whose inner bearing races are axially supported on the wheel hub (25) on the one hand and on the annular disc (22) on the other hand.

8. An assembly according to claim 6,

characterised in

that on to the wheel hub (25), there are slipped bearing means (34) whose inner bearing races are axially clamped to the wheel hub (25) by annular beading (39) at the wheel hub (25), wherein the annular beading (39) is axially supported directly at the annular disc (22).

9. An assembly according to any one of claims 6 to 8,

characterised in

that the annular disc (22) comprises a cylindrical portion (23) which starts from the outer edge of same and is positioned on the joint bell (16) in a force-locking way.

10. An assembly according to any one of claims 6 to 9,

characterised in

that the annular disc (22) comprises a coating consisting of Molykote D321R.

11. An assembly according to any one of claims 6 to 9,

characterised in

that the annular disc (22) consists of bronze or non-ferrous metal.

12. An assembly according to any one of claims 6 to 9,

characterised in

that the annular disc (22) consists of plastics.